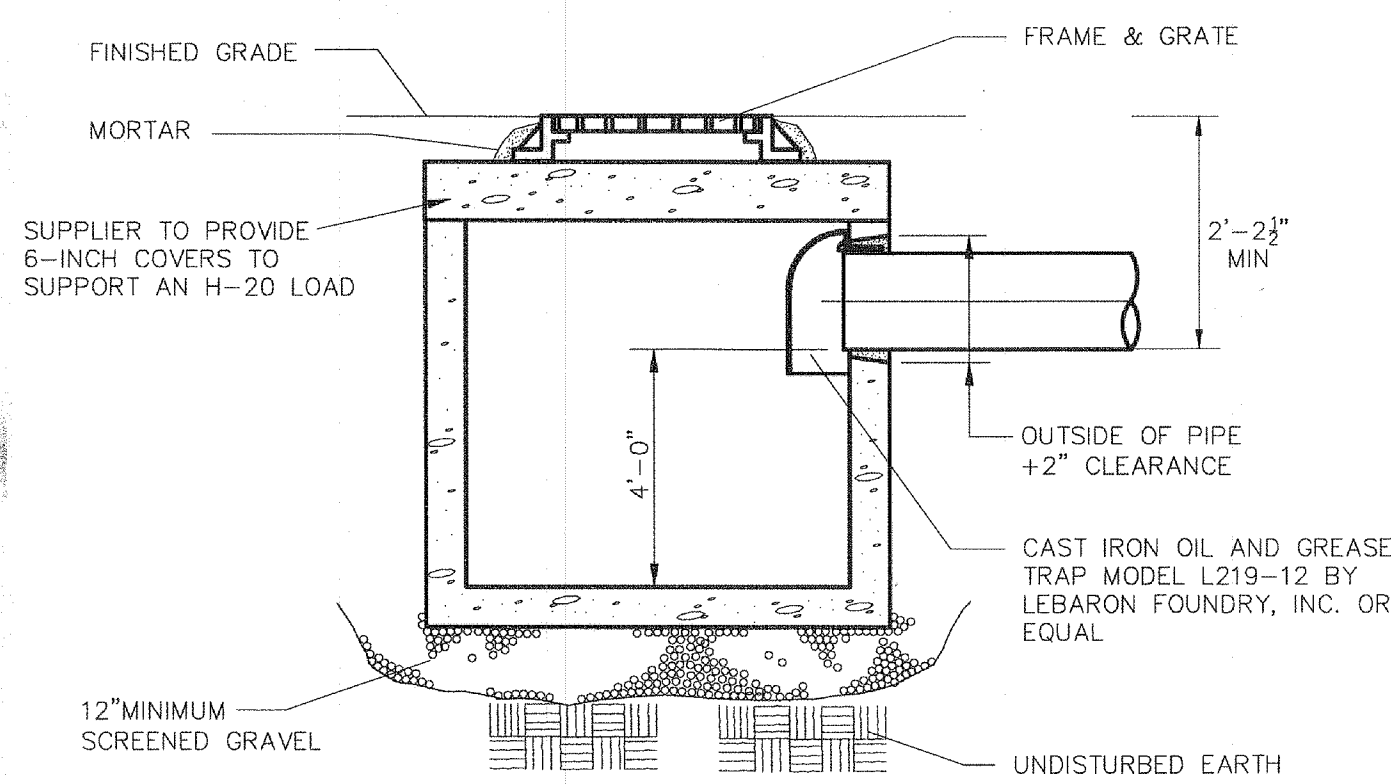
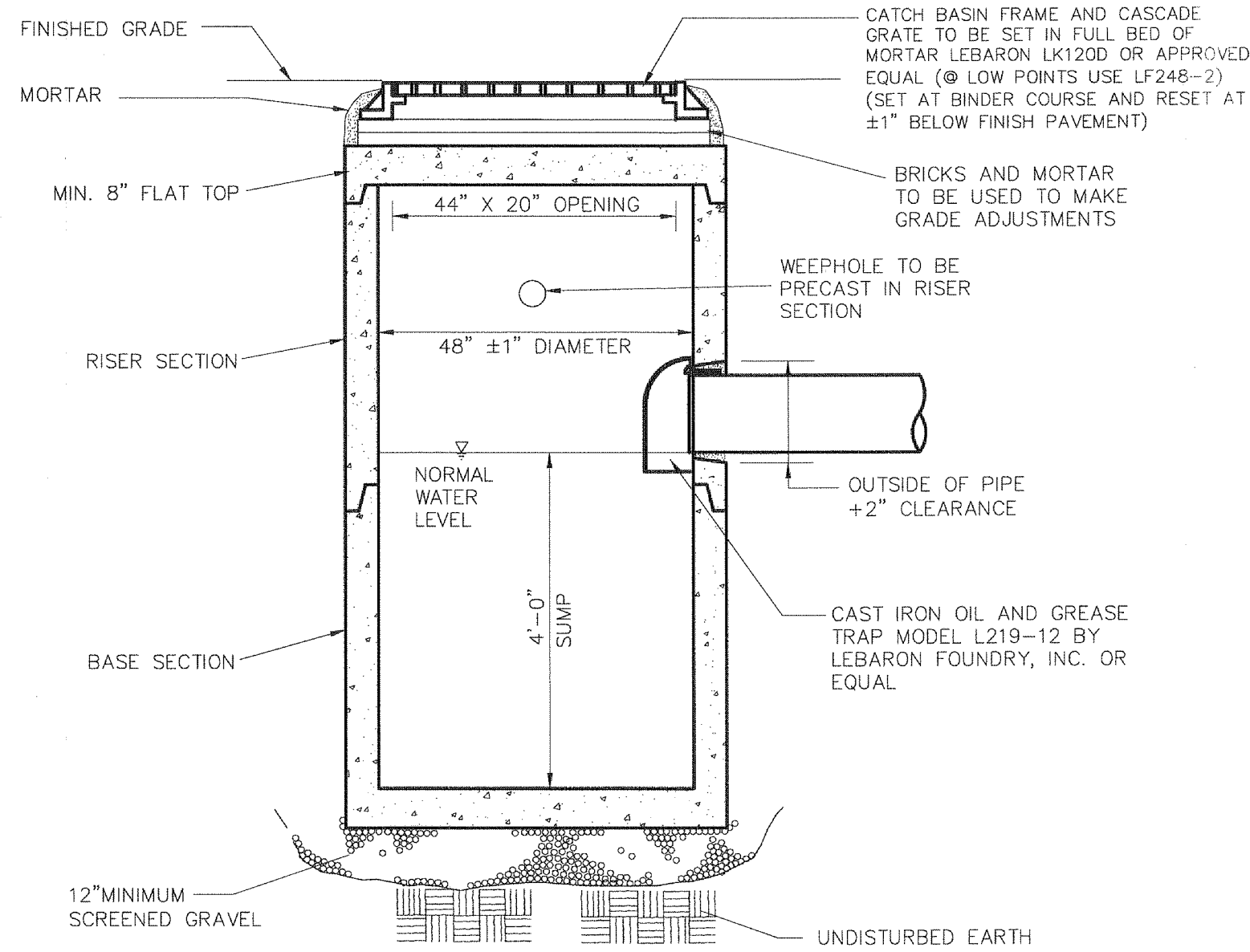


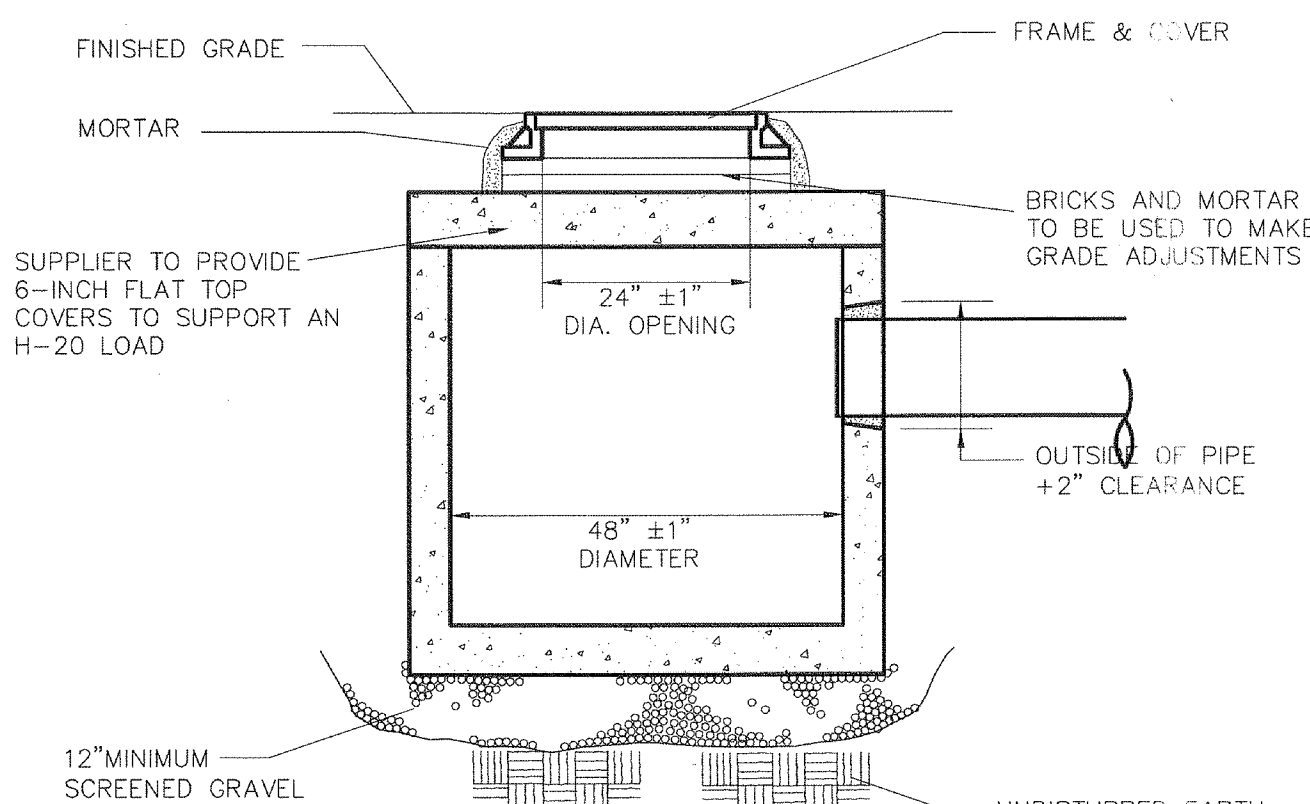
SILTENCE DETAIL  
(NOT TO SCALE)



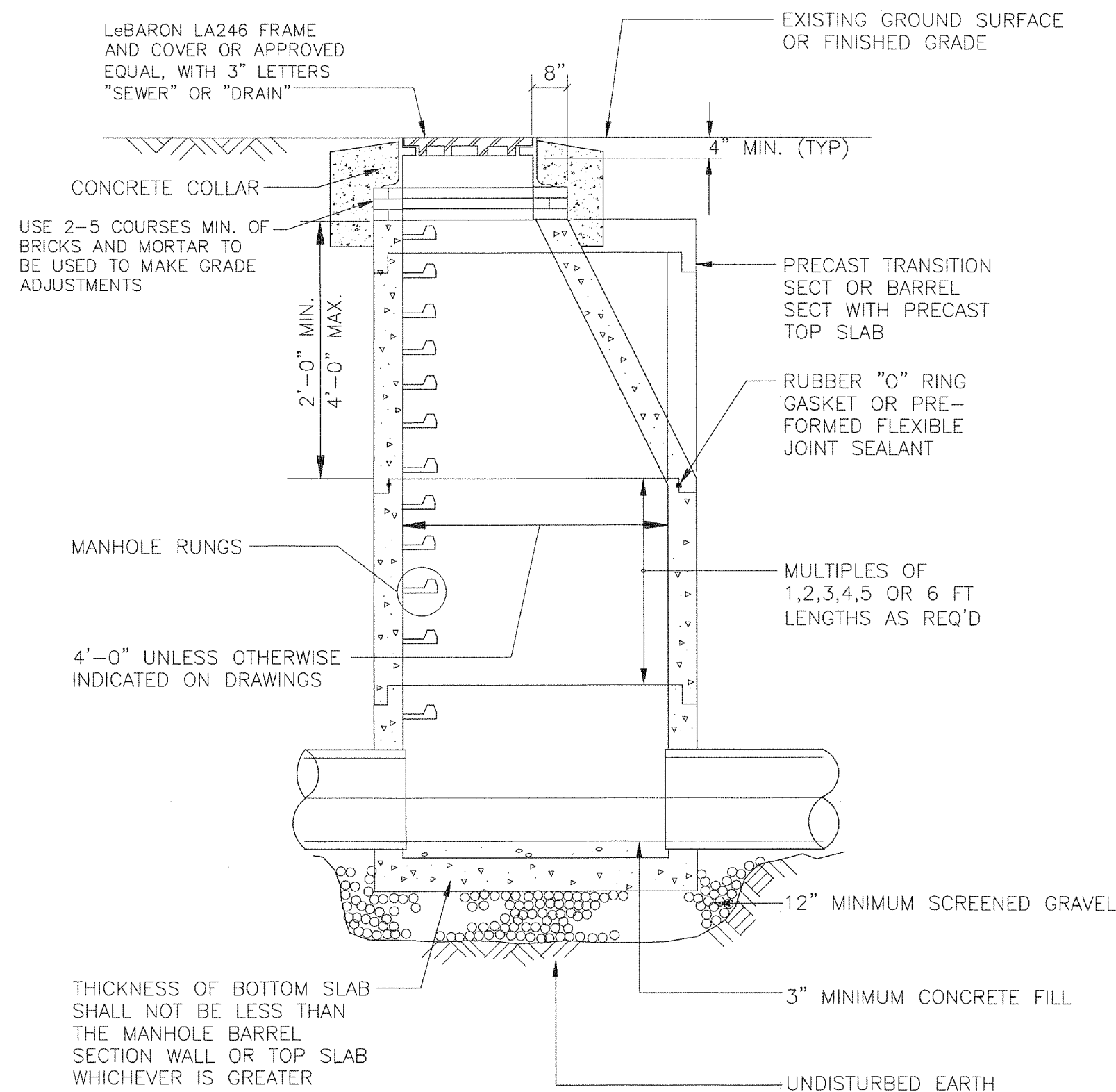
PRECAST SHALLOW CATCH BASIN DETAIL  
(NOT TO SCALE)  
NOTE: GRANITE CURB INLETS TO BE USED



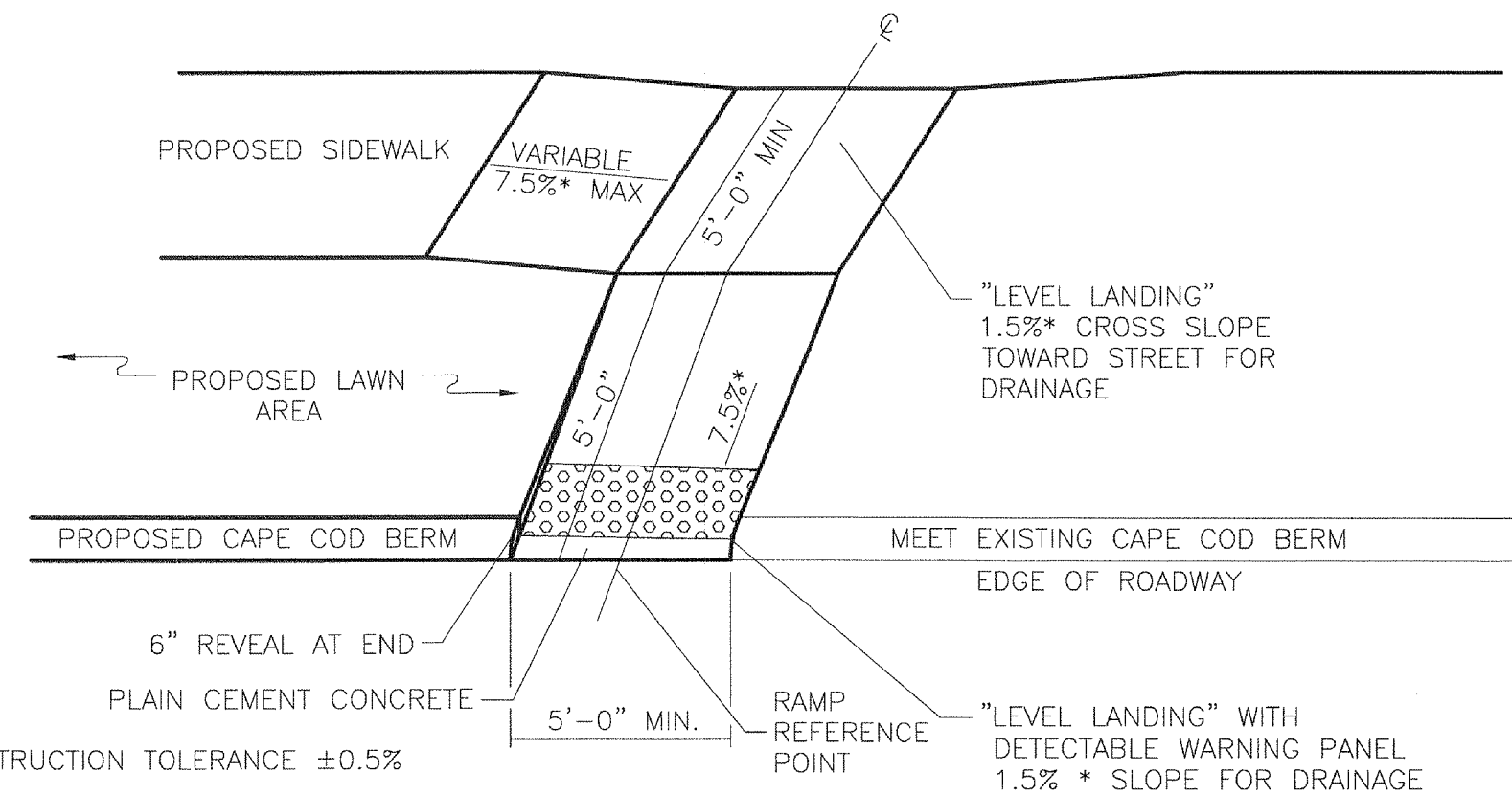
PRECAST CATCH BASIN DETAIL  
(NOT TO SCALE)  
NOTE: GRANITE CURB INLETS TO BE USED



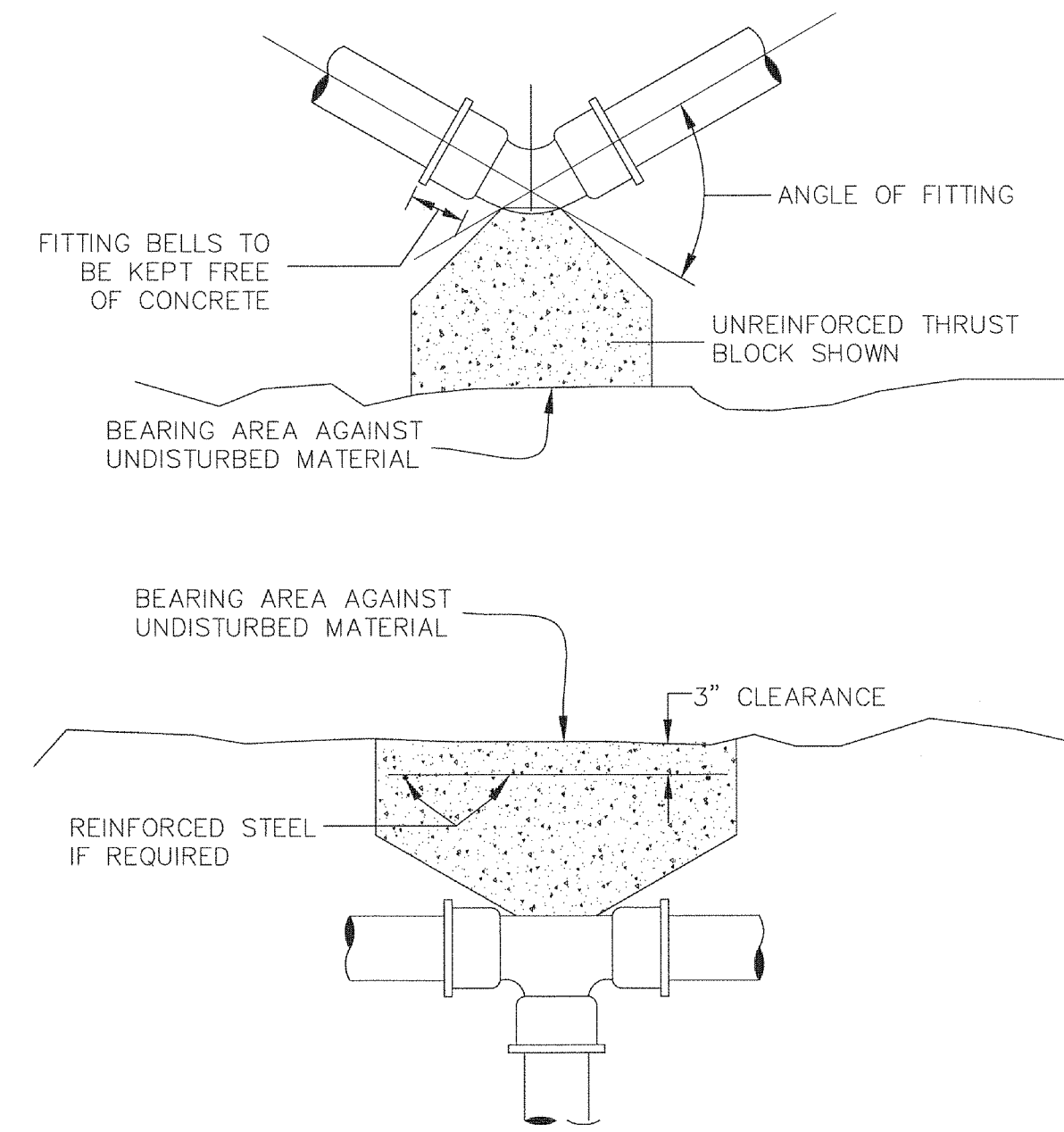
PRECAST SHALLOW DRAIN MANHOLE DETAIL  
(NOT TO SCALE)



PRECAST DRAIN MANHOLE DETAIL  
(NOT TO SCALE)



WHEELCHAIR RAMP DETAIL  
(NOT TO SCALE)  
NOTES:  
- \* CONSTRUCTION TOLERANCE ±0.5%



THRUST BLOCK DETAIL  
(NOT TO SCALE)  
NOTE: THRUST BLOCKS TO BE 3000 P.S.I. CONCRETE PLACED AGAINST UNDISTURBED MATERIAL.

MINIMUM BEARING FACE AREA FOR CONCRETE THRUST BLOCK				
PIPE DIAMETER INCHES	6 in.	8 in.	10 in.	12 in.
HYDRANTS, PLUGS, CAPS, AND TEES (S.F.)	4	6	9	13
90° (S.F.)	8	12	19	26
45° (S.F.)	5	8	13	18
22 1/2° (S.F.)	3	5	7	10

THRUST BLOCK DETAIL  
(NOT TO SCALE)

I CERTIFY THAT I HAVE CONFORMED WITH THE RULES AND REGULATIONS OF THE REGISTERS OF DEEDS IN PREPARING THIS PLAN.

WILLIAMS & SPARGES LLC

BEVERLY PLANNING BOARD

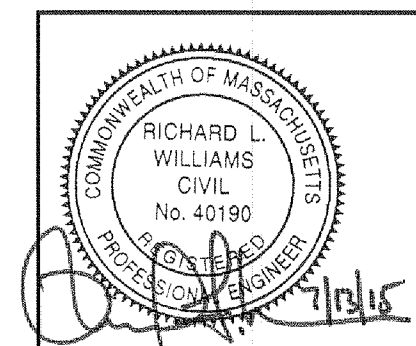
DATE: \_\_\_\_\_

CLERKS CERTIFICATION ON THE PLAN

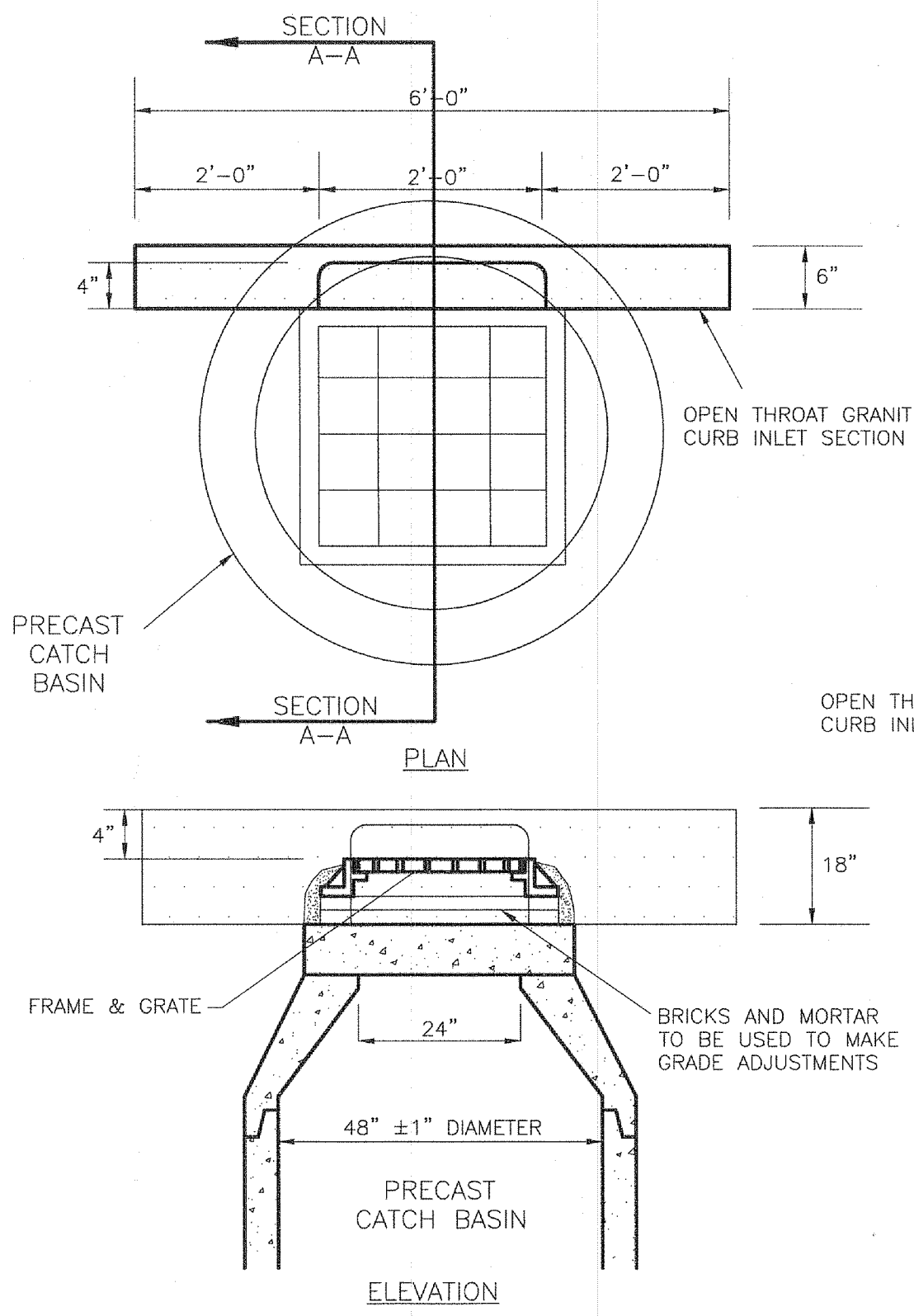
DATE: \_\_\_\_\_

I, \_\_\_\_\_, CLERK OF THE CITY OF BEVERLY, DO HEREBY CERTIFY THAT THE NOTICE OF APPROVAL OF THIS PLAN BY THE PLANNING BOARD HAS BEEN RECEIVED AND RECORDED AT THIS OFFICE AND THAT NO APPEAL WAS RECEIVED DURING THE TWENTY DAYS NEXT AFTER SUCH RECEIPT AND RECORDING OF SAID NOTICE.

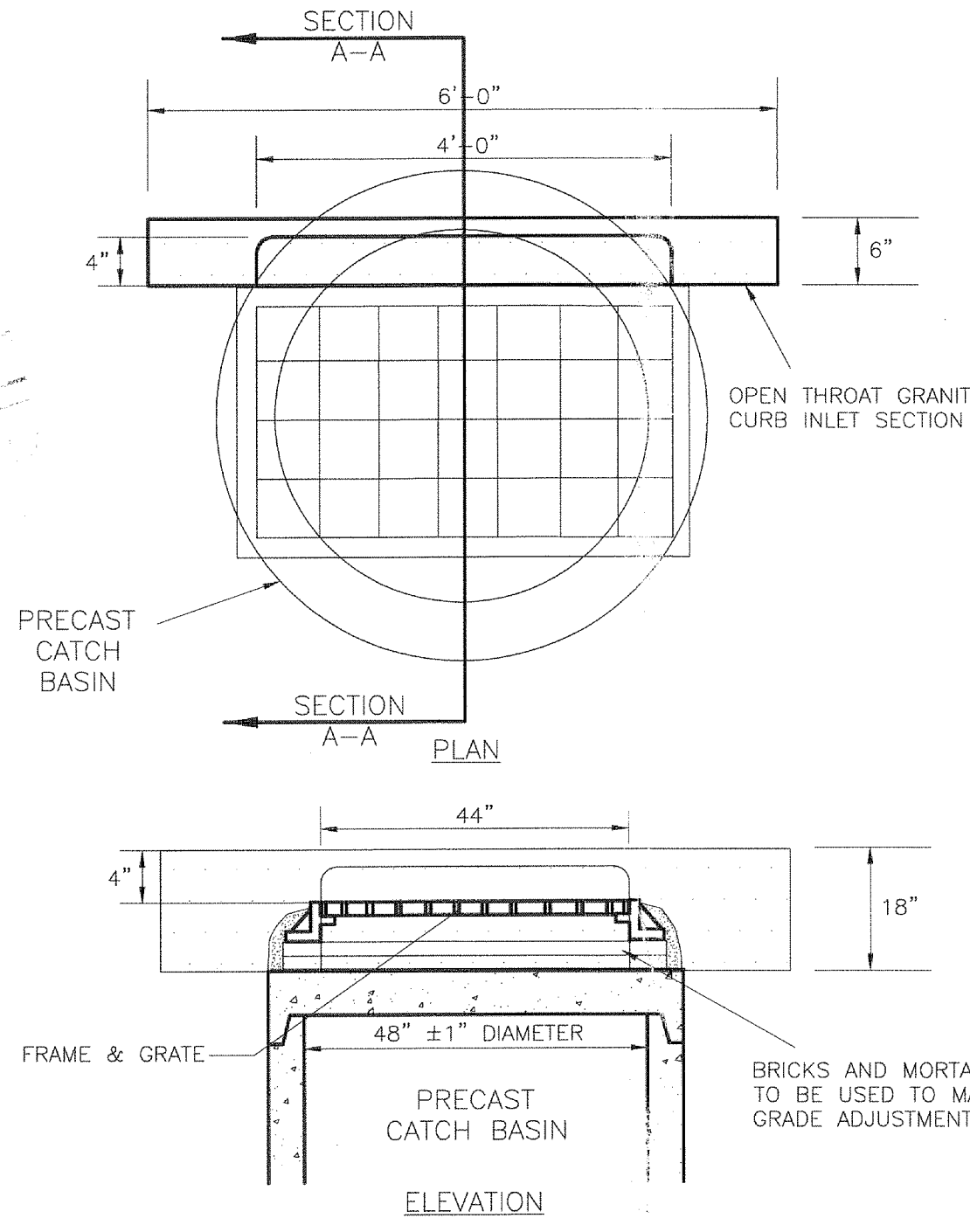
CITY CLERK



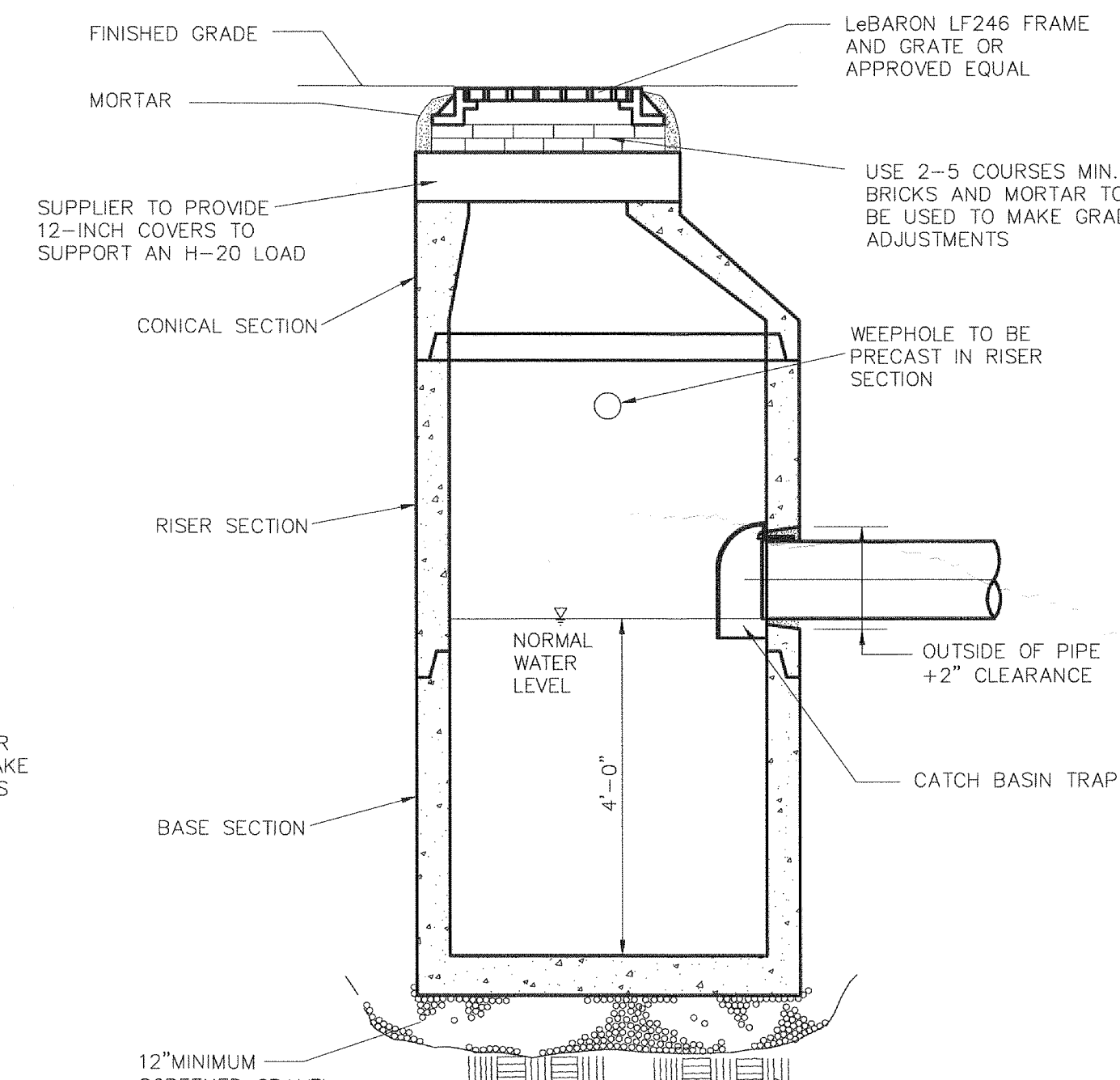
NO. REVISION			DATE
OSRD CONSTRUCTION DETAILS			
COVE VILLAGE			
BEVERLY, MA			
APPLICANT:		OWNERS:	
SYMES DEVELOPMENT & PERMITTING LLC		MONTROSE SCHOOL PARK LLC	
50 DODGE STREET		50 DODGE STREET	
BEVERLY, MA 01915		BEVERLY, MA 01915	
(978) 922-5300		DEED REFERENCE: BOOK 33828 PAGE 65	
PROJECT LOCUS:		PARCEL ID: 33-13	
50 & 54 BOYLES STREET		RAYMOND F. PAPE & SUZANNE CLERKIN	
BEVERLY, MA 01915		50 BOYLES STREET	
ASSESSORS REFERENCE:		BEVERLY, MA 01915	
PARCEL ID: 33-12 & 33-13		DEED REFERENCE: BOOK 26220 PAGE 393	
SCALE: 1"=40'		PARCEL ID: 33-12	
JULY 10, 2015		DETAIL PLAN 1 OF 3	
		SHEET 4 OF 6	



GRANITE CURB INLET DETAIL  
(NOT TO SCALE)  
SINGLE GRATE



GRANITE CURB INLET DETAIL  
(NOT TO SCALE)  
DOUBLE GRATE



PRECAST CATCH BASIN DETAIL  
(NOT TO SCALE)